

## **Direct determination of phosphorus in vegetable oils by electrothermal atomic absorption spectrometry**

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### **Abstract**

An approach to the practical implementation of the standard method of the direct determination of phosphorus in vegetable oils by electrothermal atomic absorption spectrometry with automated sample injection was proposed. Analytical advantages of the use of a graphite platform and a lanthanum modifier prepared on the basis of vegetable oil are shown. The developed procedure provides the monitoring of the concentration of phosphorus in vegetable oils of various types within the range from 10 to 790 mg/kg with a satisfactory accuracy and precision.

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